

Converting Colors

Hex(71DABA)

Have a look what the booklet for
Hex(71DABA) contains.

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Color

Hex(71DABA)

Conversions

Conversions Part 1

Format	Color
Hex	71DABA
RGB	113, 218, 186
RGB Percent	44%, 85%, 73%
CMY	0.5569, 0.1451, 0.2706
CMYK	0.48, 0.00, 0.15, 0.15
HSL	162°, 59%, 65%
HSV	162°, 48%, 85%
XYZ	40.7444, 57.1987, 55.3474
YIQ	182.9570, -52.3080, -32.2120

Conversions

Conversions Part 2

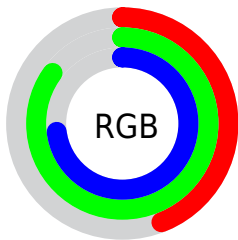
Format	Color
RYB	113, 175, 218
Decimal	7461562
CIELab	80.29, -38.04, 6.40
CIELCh	80, 38.579, 170.445
Yxy	57.1987, 0.2658, 0.3731
Android (android.graphics.Color)	4285651642 (0xFF71DABA)
YUV	182.9570, 1.5002, -61.3523
Hunter-Lab	75.6298, -36.1881, 9.5513

Details

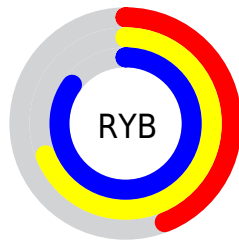
The Hex color **71DABA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DA7191**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AAFF2**, and **35A285** is the 20% darker color. If you saturate the color by 10%, you get **5BDAB3**, and if you desaturate by 10%, it is **87DAC1**.

Distribution



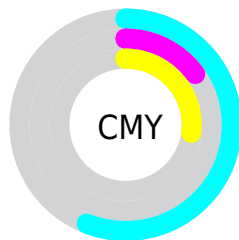
- Red (44%)
- Green (85%)
- Blue (73%)



- Red (44%)
- Yellow (69%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71DABA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 71DABA by changing the saturation by 10% instead.

 71DABA

 71DABA

FFFFFF

 54BE9F

 AAFF2

 35A285

 C7FFF

 08886C

 E5FFF

 006E53


 00553C

 003D27

 002712

 000200

 000000

 71DABA

 71DABA

 5BDAB3

 87DAC1

 45DAAD

 9DDAC7

 30DAA6

 B2DACE

 1ADA9F

 C8DAD5

 04DA99

 DEDADB

 00DA98

 F4DAE2

 FFDAE9

 FFDAEF

 FFDAF6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DD598



71DABA



4ADBDF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71DABA



BBC2FF



FFB591

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71DABA



DA7191

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADB0



71DABA



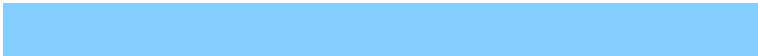
EAB5F5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71DABA



83CEFF



FFADD4



EAC180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71DABA



46D8F5



FFADD4



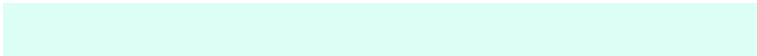
FFB19A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71DABA



DBFFF4



92DA71



6A8079



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71DABA



6BFFD2



71C7DA



636E6A



00AD79



002E20

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DA7191



FF6B98



DA8471



6E6366



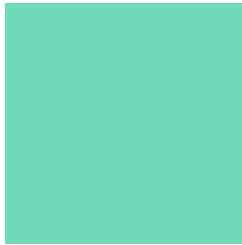
AD0035



2E000E

Previews

White Background



This preview shows how the Hex color 71DABA looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 71DABA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

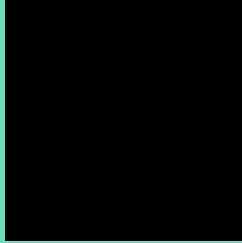
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

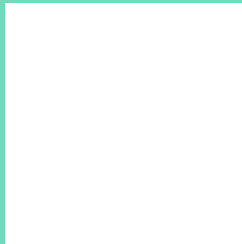
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 71DABA Background



This preview shows how black text looks on a background with the Hex color 71DABA.

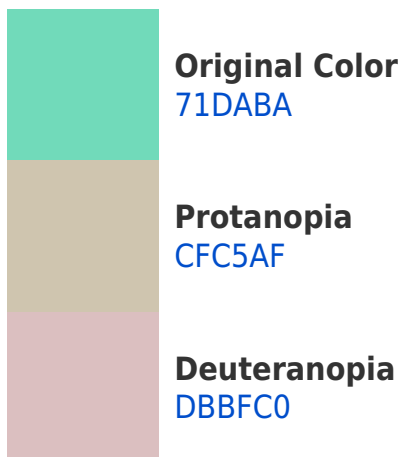


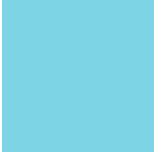
This preview shows how white text looks on a background with the Hex color 71DABA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





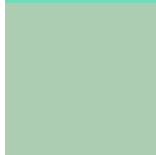
Tritanopia
7DD4E5

Trichromacy



Original Color

71DABA



Protanomaly

ADCDB3



Deuteranomaly

B4C9BE



Tritanomaly

79D6D5

Monochromacy



Original Color

71DABA



Achromatopsia

B7B7B7



Achromatomaly

9EC4B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 71DABA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #71DABA looks like.

```
.text, #text, p{  
    color:#71DABA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #71DABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DABA
}
```

Border

The CSS property to change the border of an element to Hex 71DABA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71DABA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#71DABA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #71DABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DABA; -webkit-box-shadow:4px 4px  
4px 4px #71DABA; box-shadow:4px 4px 4px  
4px #71DABA }
```

Background

The CSS property to change the background color of an element to Hex 71DABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DABA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#71DABA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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